

Title (en)

COVER DEVICE, AND ELECTRONIC DEVICE AND METHOD FOR IDENTIFYING COVER DEVICE

Title (de)

ABDECKVORRICHTUNG SOWIE ELEKTRONISCHE VORRICHTUNG UND VERFAHREN ZUR IDENTIFIZIERUNG DER ABDECKVORRICHTUNG

Title (fr)

DISPOSITIF DE COUVERCLE, DISPOSITIF ÉLECTRONIQUE ET PROCÉDÉ D'IDENTIFICATION DE DISPOSITIF DE COUVERCLE

Publication

**EP 3659008 A1 20200603 (EN)**

Application

**EP 18847577 A 20180509**

Priority

- KR 20170106284 A 20170822
- KR 2018005310 W 20180509

Abstract (en)

[origin: US2019064885A1] An electronic device and method for identifying a detached cover device and a cover device therefor are provided. The electronic device includes a housing, a wireless communication circuit disposed within the housing, a touch screen display exposed to the exterior, and a processor disposed within the housing and electrically connected to the wireless communication circuit and the touch screen display. The processor may be configured to sense mounting of the cover device on the touch screen display, identify a conductor pattern of the mounted cover device by scanning the touch screen display on which the cover device is mounted, and identify the mounted cover device on the basis of the identified conductor pattern.

IPC 8 full level

**G06F 1/16** (2006.01); **G06F 3/041** (2006.01); **G06F 21/44** (2013.01); **H01H 13/04** (2006.01); **H04M 1/7246** (2021.01); **H04M 1/72412** (2021.01)

CPC (source: EP KR US)

**G06F 1/1626** (2013.01 - EP US); **G06F 1/1628** (2013.01 - KR US); **G06F 1/1632** (2013.01 - EP US); **G06F 1/1643** (2013.01 - US); **G06F 1/1656** (2013.01 - KR US); **G06F 1/1669** (2013.01 - EP US); **G06F 1/1671** (2013.01 - EP KR US); **G06F 1/1677** (2013.01 - US); **G06F 1/1698** (2013.01 - KR); **G06F 3/0393** (2019.04 - EP US); **G06F 3/041** (2013.01 - KR); **G06F 3/04162** (2019.04 - EP US); **G06F 3/04886** (2013.01 - EP US); **G06F 21/44** (2013.01 - KR); **H01H 13/04** (2013.01 - KR); **H04M 1/23** (2013.01 - EP US); **H04M 1/724092** (2022.02 - EP US); **H04M 1/7246** (2021.01 - EP US); **H05K 5/0247** (2013.01 - US); **H05K 5/03** (2013.01 - US); **G06F 2200/1634** (2013.01 - EP US); **G06F 2203/04809** (2013.01 - EP US); **H04M 1/72412** (2021.01 - EP US); **H04M 2250/04** (2013.01 - EP US); **H04M 2250/22** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**US 10852858 B2 20201201**; **US 2019064885 A1 20190228**; CN 110998482 A 20200410; EP 3659008 A1 20200603; EP 3659008 A4 20200708; KR 102335552 B1 20211207; KR 20190021115 A 20190305; WO 2019039702 A1 20190228

DOCDB simple family (application)

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